evidence is divided.

High temperatures;- little evaporation;- increase of tension having commenced in South;- winds having in every case backed &c, seemed

account to my own satisfaction how it is that there has been no more precipitation under the circumstances (and bearing in mind the position &c. of the Moon).

Can it be that there is not nearly so much mixing of the two currents as from the great tension &c. &c. one would imagine,- but that one current is considerably in excess of the other?

If so which is it? The instrumental evidence

generally fine.		some rain.
ESE to SW	West Coasts	SSE to WSW & WNW
Fresh to strong.		strong.
some rain in places.		Unsettled.
E to S & SSW	South Coasts	SE to W
Moderate to fresh.		Moderate to strong.
some rain at times.		some rain.
ESE to SSW.	South East	SSE to WSW
Fresh.		Fresh to strong.

North East = Caithness to Lincoln. West = Donegal to Cornwall. South = English Channel and Biscay Bay Coasts.
South East = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 2nd

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.23	27	0	S	1	4	28	b	0.10	1
Aberdeen ...	29.18	38	1	WNW	2	5	24	m	—	1
Leith	29.12	42	2	E	4	5	24	o	—	4
Shields	28.94	49	3	SE	6	4	20	f	—	5
Scarboro	28.84	46	1	S	6	5	26	o	0.70	5
Greencastle ...	29.19	43	4	N	4	6	28	c	0.30	2
Galway	29.25	42	1	NW	6	4	14	c	0.80	4
Valentia										
Queenston ...	29.12	43	1	NW	5	6	24	c	0.24	5
Liverpool ...	28.85	43	1	N	1	9	20	f	1.02	2
Holyhead ...	28.83	45	0	SE	4	7	18	c	0.50	3
Pembroke ...	28.89	47	3	NW	5	8	20	o	0.68	6
Penzance	29.05	45	1	NW	4	9	26	c	0.80	5
Brest	29.21	45	2	W	7	8	22	o	2.05	8
L'Orient	29.21	46	2	WSW	6	9	24	t	0.87	9
Rochefort ...	29.49	50	0	WNW	9	5	24	t	0.43	9
Plymouth ...	29.00	45	2	W	7	10	24	o	0.50	5
Weymouth ...	28.96	45	2	WNW	5	11	16	c	0.42	5
Portsmouth...	28.94	47	2	W	6	10	22	o	0.47	5
London	28.92	42	1	WNW	4	9	22	f	0.52	—
Dover	29.01	48	1	WSW	12	5	20	f	1.00	9
Yarmouth ...	28.92	50	1	S	7	11	22	o	—	4
Heligolnd ...										

Tuesday.	PROBABLE ON THE	Wednesday.
SE to NE and NW, a gale, with rain or snow	NORTH EAST	NE to NW ~~and SW~~, a gale to strong, varying, squally.
SE to SW and ~~NW~~, gale to strong, rain and hail at times	WEST COASTS	W to N, strong, squally, unsettled.
NW to S and again to NW, a gale, squalls, rain at times	SOUTH COASTS	WSW to NNW, a gale to strong, some rain.
NW to SW, and again to N, a gale to strong, squally	SOUTH EAST	WSW to NNE, strong, squally

√ J. H. B

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain, s.—snow; t.—thunder. R.—Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Storm Signals on Friday — this (Monday) morn

EIGHT A.M. **WEATHER REPORT.** 1863. November 2nd

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.23	27	0	S	1	4	28	b	0.10	1
Aberdeen	29.18	38	1	WNW	2	5	24	m	—	1
Leith	29.12	42	2	E	4	5	24	o	—	4
Shields	28.94	49	3	SE	6	4	20	r	—	5
Scarboro	28.84	46	1	S	6	5	26	o	0.70	5
Greencastle	29.19	43	4	N	4	6	28	c	0.30	2
Galway	29.25	42	1	NW	6	4	14	c	0.80	4
Valentia										
Queenston	29.12	43	1	NW	5	6	24	c	0.24	5
Liverpool	28.85	43	1	N	1	9	20	r	1.02	2
Holyhead	28.83	45	0	SE	4	7	18	c	0.50	3
Pembroke	28.89	47	3	NW	5	8	20	o	0.68	6
Penzance	29.05	45	1	NW	4	9	26	c	0.80	5
Brest	29.21	45	2	W	7	8	22	o	2.05	8
L'Orient	29.21	46	2	WSW	6	9	24	b	0.87	9
Rochefort	29.49	50	0	WNW	9	5	24	b	0.43	9
Plymouth	29.00	45	2	W	7	10	24	o	0.50	5
Weymouth	28.96	45	2	WNW	5	11	16	c	0.42	5
Portsmouth	28.94	47	2	W	6	10	22	o	0.47	5
London	28.92	42	1	WNW	4	9	22	r	0.52	—
Dover	29.01	48	1	WSW	12	5	20	r	1.00	9
Yarmouth	28.92	50	1	S	7			o	—	4
Heligolnd										

Tuesday.	PROBABLE ON THE	Wednesday.
SE to NE & NW - a gale - with rain, or snow.	NORTH EAST	NE. to NW ~~& SW~~. a gale to strong - varying - squally.
SE to ~~N~~W & ~~NW~~ gale to strong - rain & hail at times.	WEST COASTS	W to N - strong - squally - unsettled.
SW. to S and again to SW. a gale - squalls - rain at times	SOUTH COASTS	WSW to NNW. a gale to strong - some rain.
SW to SW and again to W. a gale to strong - squally.	SOUTH EAST	WSW to NNE. strong - squally.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain, s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Caution Signals on Friday. - North Cone over Drum this (Monday) morning -

EIGHT A.M. **WEATHER REPORT.** 1863. November 3rd

Tuesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.49	33	1	SW	2	2	26	b	—	3
Aberdeen	29.50	38	3	WNW	4	7	32	b	0.30	2
Leith	29.56	41	3	W	1	4	4	m	0.07	1
Shields	29.68	41	4	NW	4	10	10	b	—	4
Scarboro	29.65	46	3	WNW	3	10	32	b	1.40	4
Greencastle	29.48	41	1	SSW	4	6	12	r	0.13	3
Galway	29.49	52	0	W	8	4	26	r	0.61	7
Valentia										
Queenston	29.53	51	1	W	7	9	30	r	0.30	4
Liverpool	29.74	43	4	S	2	9	28	r	0.20	3
Holyhead	29.61	46	0	SSW	4	9	2	c	0.12	2
Pembroke	29.74	52	1	WSW	4	9	30	r	0.35	6
Penzance	29.92	51	0	WSW	7	10	32	r	0.27	5
Brest	30.08	52	1	WNW	6	9	26	r	0.71	6
L'Orient	30.12	48	1	WSW	6	7	24	o	0.32	6
Rochefort	30.28	48	0	W	6	8	24	r	0.20	6
Plymouth	29.90	51	1	WSW	8	9	32	r	—	5
Weymouth	29.91	48	2	W	3	10	32	r	0.07	4
Portsmouth	29.90	47	3	WNW	5	8	28	r	0.10	4
London	29.86	40	4	WNW	4	10	28	r	0.11	—
Dover	29.92	46	2	W	9	4	22	m	0.50	7
Yarmouth	29.72	41	1	WNW	6	12	26	b	—	4
Heligolnd	29.27	45	0	SSE	7	10	16	r	0.05	5

	Wednesday.	Thursday.
PROBABLE ON THE NORTH EAST	NW to NE and back to Westward — gales — snow or rain —	NNW to E NE strong — squally — some snow or rain
WEST COASTS	W to N and E NE strong — squally — rainy or hail at times —	NW to NE and SE strong squally rain in places
SOUTH COASTS	S to N and E strong — varying squally some rain.	NNW to E NE and to E SE strong — showery
SOUTH EAST	WNW to NNE and to E SE strong at times — some rain	WNW to NE and E strong — squally — some showers —

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

North Cone over Drum on all Coasts — Monday

EIGHT A.M. **WEATHER REPORT.** 1863. November 4th

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.36	46	1	NW	4	6	26	o	0.23	3
Aberdeen	29.34	50	4	WNW	4	4	10	o	0.15	3
Leith	29.44	51	3	W	3	5	12	c	—	3
Shields										
Scarboro	29.58	55	1	W	3	5	16	o	0.13	3
Greencastle	29.60	51	2	W	4	7	22	c	0.15	3
Galway	29.78	58	0	SW	8	10	24	r	0.65	6
Valentia	29.95	54	2	WSW	8	6	24	m	0.35	6
Queenston	29.83	55	1	W	5	6	24	o	0.16	4
Liverpool	29.73	57	3	WSW	4	4	22	o	0.26	4
Holyhead	29.77	55	0	SW	5	6	20	c	0.30	3
Pembroke	29.96	55	1	W	5	5	24	f	0.43	6
Penzance	30.17	54	0	W	7	9	24	m	0.65	6
Brest	30.32	57	2	W	7	7	22	f	0.32	6
L'Orient	30.24	55	2	W	5	7	22	o	0.20	5
Rochefort	30.43	54	0	W	5	7	24	o	—	6
Plymouth	30.12	55	1	W	7	9	24	o	0.60	5
Weymouth	30.06	56	2	W	4	7	24	o	0.18	3
Portsmouth	30.00	55	2	WSW	8	9	22	o	0.21	7
London	29.91	57	2	W	6	8	26	o	0.07	—
Dover	30.00	57	1	WSW	4	4	22	c	0.60	2
Yarmouth	29.76	46	1	W	6	6	16	o	1.10	2
Heligolnd	29.53	51	0	WSW	7	9	28	m	0.25	5

	Thursday.		Friday.
PROBABLE ON THE NORTH EAST	W to NW back to NW. strong to a gale - some rain in places		NW to NW ~~& NW.~~ strong - squalls - ~~rain at times.~~
WEST COASTS	NW to NW strong - squalls - ~~at times.~~		~~S to~~ W to NW. fresh to ~~strong~~ - ~~some rain.~~
SOUTH COASTS	NW to NW ~~& S.~~ strong — squally unsettled.		NW to NW ~~& S.~~ strong ~~to a gale~~ - ~~some rain.~~
SOUTH EAST	NNW to NW ~~& S.~~ strong - squally - ~~some rain.~~		NW to NNW strong - squally.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Caution signals on all coasts on Monday - for three days. -

EIGHT A.M. **WEATHER REPORT.** 1863. *November 5th*

Thursday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.93	38	1	WNW	4	6	26	o	0.25	2
Aberdeen ...	29.95	38	3	SW	3	4	26	c	0.10	2
Leith	30.03	44	3	W	3	4	24	o	—	2
Shields	30.12	45	4	WNW	2	2	28	m	—	2
Scarboro	30.13	44	2	W	2	4	22	o	—	3
Greencastle ...	30.10	43	1	W	2	3	28	o	0.18	2
Galway	30.14	48	1	WNW	2	10	22	t	0.53	4
Valentia										
Queenston ...	29.99	55	1	SSW	5	4	24	m	0.26	4
Liverpool ...	30.14	48	1	SSW	1	4	22	t	0.15	2
Holyhead ...	30.12	48	0	W	3	4	22	t	0.45	3
Pembroke ...	30.17	54	0	W	7	8	24	r	0.23	7
Penzance	30.36	54	1	W	5	8	24	c	—	4
Brest	30.47	55	3	W	6	4	24	f	—	6
L'Orient	30.43	54	2	W	2	5	24	o	0.04	3
Rochefort ...	30.55	52	2	W	4	5	24	b	—	3
Plymouth ...	30.29	55	1	W	4	8	24	o	—	4
Weymouth ...	30.29	55	1	W	4	5	24	m	—	3
Portsmouth...	30.26	55	2	W	4	9	22	o	—	5
London	30.21	53	2	W	4	9	20	t	0.18	—
Dover	30.25	56	1	W	3	4	22	f	—	2
Yarmouth ...	30.18	49	1	NW	4	12	22	t	—	3
Heligolnd ...	29.94	49	1	WNW	8	9	28	m	—	6

Fri-day.	PROBABLE ON THE	*Satur-day.*
NW to NE & back to W. Fresh to strong - some rain	NORTH EAST	SW to NW & NE. strong - squally -
WSW to NNW. Moderate to strong -	WEST COASTS	W to N. fresh to strong - unsettled -
As next above -	SOUTH COASTS	As next above -
E to NNE. moderate to strong - squally -	SOUTH EAST	NNW to W. fresh to strong -

V.H.B.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. Friday

WEATHER REPORT.

1863. November 6th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.43	31	2	NW	4	y	28	b	—	3
Aberdeen ...	30.40	32	3	WSW	3	4	22	b	—	2
Leith	30.50	38	4	W	1	2	24	m	—	1
Shields	30.53	38	4	NW	2	2	26	b	—	2
Scarboro	30.48	43	2	NNE	1	3	24	b	—	2
Greencastle ...	30.52	36	1	NW	1	2	2	c	0.08	1
Galway	30.49	37	1	ENE	2	2	12	c	0.11	1
Valentia	30.39	54	0	SE	1	4	4	f	0.93	4
Queenston ...	30.33	50	1	E	3	6	24	o	1.12 0.17	3
Liverpool ...	30.53	40	3	SE	1	3	30	m	0.15	2
Holyhead ...	30.48	45	2	ESE	2	3	24	c	0.18	2
Pembroke ...	30.47	45	2	E	1	y	24	c	0.22	2
Penzance	30.46	53	0	Z	0	y	24	m	0.25	3
Brest	30.47	54	2	W	5	4	22	o	—	4
L'Orient	30.43	54	3	WSW	2	3	22	o	—	2
Rochefort ...	30.55	50	1	NW	2	3	24	f	—	5
Plymouth ...	30.44	51	1	E	4	y	24	f	—	2
Weymouth ...	30.49	47	3	NE	4	4	24	o	—	3
Portsmouth...	30.48	47	3	NE	3	8	22	m	0.07	2
London	30.48	38	4	N	2	6	24	b	0.06	—
Dover	30.49	46	1	NW	3	4	24	b	0.25	2
Yarmouth ...	30.47	43	1	N	4	2	16	c	—	4
Heligolnd ...	30.06	44	2	NNW	9	y	28	h	—	6

	Saturday.	Sunday.
PROBABLE ON THE NORTH EAST	NW to NE. light to fresh - fine.	NE to NW & W. fresh - fine -
WEST COASTS	NW to NE & SE. Moderate to fresh - fine.	NE to SE & SW. fresh to moderate.
SOUTH COASTS	NW to E. fresh. fine -	As next above.
SOUTH EAST	N to E - light to strong - fine -	NE. to SE. Strong to moderate - fine.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 7th

Saturday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.21	39	3	NE	2	3	24	m	—	2
Aberdeen	30.18	39	2	WNW	2	3	22	o	—	2
Leith	30.21	41	3	SW	1	2	26	m	—	1
Shields	30.23	39	2	WNW	2	2	28	m	—	2
Scarboro	30.22	37	2	SW	1	3	28	o	—	2
Greencastle	30.13	44	1	E	2	1	30	o	0.43	2
Galway	30.24	52	1	SW	4	6	8	o	0.25	4
Valentia	30.34	54	1	W	—	2	14	f	0.57	4
Queenston	30.18	53	1	WSW	3	4	10	c	0.20	2
Liverpool	30.20	45	2	WSW	1	3	14	f	0.03	2
Holyhead	30.15	52	0	SW	3	3	18	r	0.45	3
Pembroke	30.28	52	0	NW	2	2	14	o	0.18	4
Penzance	30.38	53	0	NW	4	1	12	o	0.25	3
Brest	30.43	54	1	NW	5	4	24	f	0.08	4
L'Orient	30.36	54	2	NW	2	3	24	c	—	2
Rochefort	30.36	54	0	W	3	3	32	r	—	4
Plymouth	30.34	56	2	W	2	7	8	f	0.13	1
Weymouth	30.31	52	1	Z	0	4	4	m	0.07	2
Portsmouth	30.29	49	1	NW	2	3	12	m	—	2
London	30.28	45	1	WNW	2	3	2	o	—	—
Dover	30.28	48	1	NW	1	2	4	m	—	1
Yarmouth	30.23	39	1	NW	4	2	32	m	—	2
Heligolnd	29.99	43	0	NNW	10	9	28	o	0.09	7

Sunday.	PROBABLE ON THE	Monday.
NE to W - Variable. Light to fresh -	NORTH EAST	SW to NW & NE moderate to fresh -
NE to SW & NW. Moderate - some rain in places -	WEST COASTS	As ~~next~~ above -
WSW to N - Variable - Light to fresh -	SOUTH COASTS	W to N - moderate to fresh -
NW to NE & back to SW Variable - moderate -	SOUTH EAST J.H.B	W SW to NNE. moderate to fresh -

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE = 2, to 32 = N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R. = Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 9th

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.34	31	—	S	2	3	4	c	0.53	3
Aberdeen ...	30.38	38	2	NNW	3	2	28	c	0.34	3
Leith	30.39	40	3	W	2	6	8	m	0.60	3
Shields	30.36	49	4	NE	2	8	8	o	2.80	5
Scarboro	30.30	44	2	NE	2	8	2	o	1.06	4
Greencastle ...	30.41	34	1	NW	1	6	8	c	1.32	1
Galway	30.41	34	1	NE	2	4	20	b	0.17	2
Valentia	30.39	42	3	Z	0	6	32	f	0.45	1
Queenston ...	30.24	45	1	N	2	4	32	c	—	2
Liverpool ...	30.34	39	2	S	2	5	26	b	0.59	2
Holyhead ...	30.34	48	2	NNE	3	4	24	c	0.35	2
Pembroke ...	30.34	42	2	NNE	2	4	30	b	0.34	4
Penzance	30.31	48	2	NE	5	9	2	c	0.60	4
Brest	30.16	48	4	N	5	6	26	f	0.75	4
L'Orient	30.04	46	3	N	3	5	26	c	0.20	3
Rochefort ...	29.92	48	0	NW	5	1	20	o	0.08	6
Plymouth ...	30.28	45	3	N	4	4	32	c	—	2
Weymouth ...	30.24	43	2	NNE	4	4	28	b	0.08	2
Portsmouth...	30.14	46	2	NE	4	6	24	c	0.09	3
London	30.14	42	3	NE	5	8	28	o	0.42	—
Dover	30.11	48	2	NE	10	4	28	b	1.00	8
Yarmouth ...	30.16	46	3	ENE	4	10	6	c	1.10	6
Heligolnd ...	30.19	39	2	E	4	3	16	b	0.03	3

	Tuesday.		Wednesday.
		PROBABLE ON THE	
	NE to W moderate to fresh - some rain, or snow, in places	NORTH EAST	W to N & E. fresh to strong - fine.
	NE to NW - fresh	WEST COASTS	NW to E. & back moderate to strong.
	N to E. moderate to strong - fine -	SOUTH COASTS	N to E & SE. moderate to strong -
	As next above.	SOUTH EAST	As next above -

J.H.B.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution*; and each ten degrees, above 32°, causing nearly three hundredths *increase*. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 10th

Tuesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.58	40	2	SSW	3	7	18	b	—	2
Aberdeen	29.48	39	1	SW	2	7	20	b	—	2
Leith	29.61	44	3	W	2	5	20	c	0.30	2
Shields	29.64	45	2	WNW	2	2	26	c	—	2
Scarboro	29.69	38	1	SW	4	4	4	f	—	4
Greencastle	29.72	43	1	NW	3	8	18	f	0.40	2
Galway	29.91	43	2	SW	2	6	16	c	0.28	3
Valentia	30.03	48	3	NW	5	2	18	c	0.24	4
Queenston	29.89	44	1	W	4	2	16	c	—	3
Liverpool	29.77	44	2	W	5	5	24	f	0.09	3
Holyhead	29.79	48	1	W	6	7	22	c	0.35	3
Pembroke	29.92	49	3	NW	4	3	32	c	—	4
Penzance	30.01	48	1	NNW	5	6	4	c	0.15	4
Brest	30.08	46	2	NW	5	4	2	o	—	4
L'Orient	30.08	37	1	E	2	6	32	o	—	2
Rochefort	30.08	43	0	NW	2	4	28	f	—	3
Plymouth	29.95	48	1	WSW	5	5	8	f	—	4
Weymouth	29.94	46	2	W	2	4	4	f	—	2
Portsmouth	29.97	41	2	S	2	6	6	f	—	1
London	29.94	36	1	SW	3	5	2	f	—	—
Dover	29.95	44	2	W	1	6	8	b	—	1
Yarmouth	29.92	39	1	SSW	4	6	8	c	—	2
Heligolnd	30.05	36	1	S	5	3	12	b	—	3

	Wednesday.	Thursday.
PROBABLE ON THE NORTH EAST	N W to N E Fresh to Strong — rain or snow	N to E and back to W N W — Fresh — some fall
WEST COASTS	W to N and E Moderate to strong rain partially	N N E to W N W — Fresh to Moderate some showers
SOUTH COASTS	N W to N E and E Moderate to fresh with some rain	N to E and to S E Moderate — some showers —
SOUTH EAST	as next above	N E to S E Fresh — to strong

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = Channel and Biscay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE = 2, to 32 = N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R. = Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 11 th

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.24	35	2	NNW	3	2	16	b	—	2
Aberdeen	29.25	35	1	WNW	2	3	24	b	—	1
Leith	29.29	40	2	WNW	3	4	24	b	—	2
Shields	29.34	40	3	WNW	2	2	26	c	—	2
Scarboro	29.36	38	2	WSW	3	5	24	b	—	3
Greencastle	29.39	41	1	NW	3	6	28	c	0.36	2
Galway	29.54	42	2	NW	4	6	20	c	0.40	4
Valentia	29.63	44	2	WSW	4	6	24	c	0.30	5
~~Cape Clear~~										
Queenston	29.43	43	1	WNW	3	5	28	c	0.61	2
Liverpool	29.38	41	1	SE	1	6	22	f	0.31	2
Holyhead	29.40	46	1	NNW	4	6	22	c	—	2
Pembroke	29.28	43	1	NNE	2	5	30	o	1.04	4
Penzance	29.31	46	1	N	10	5	30	o	0.55	4
Brest	29.34	50	2	NW	4	4	28	r	1.18	4
L'Orient	29.34	46	1	W	4	3	26	r	0.84	4
Rochefort	29.69	48	0	SW	4	2	24	o	0.28	6
Plymouth	29.10	47	2	N	4	4	24	o	0.60	5
Weymouth	29.18	46	1	SE	6	2	24	r	0.50	5
Portsmouth	29.30	45	1	S	5	3	24	r	0.28	4
London	29.41	35	2	SE	2	3	20	m	0.10	—
Dover	29.42	46	1	SSE	3	3	26	f	0.25	2
Yarmouth	29.44	36	1	W	4	4	22	m	—	2
Heligolnd	29.39	40	0	SW	4	5	20	o	—	4

PROBABLE ON THE NORTH EAST COASTS

Thursday. N to W and then to Eastward strong to a gale with rain

Friday. East to N and W a gale - snow or rain

WEST COASTS

W to N and N to N strong - to a gale with rain as above

W to NW and NE to NE - gales - with rain or snow

SOUTH COASTS

~~SW to~~ NW to NE gales - rainy in places

SOUTH EAST

W to NW and NE strong - rain at times -

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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rain on all coasts this Wednesday

EIGHT A.M. Thursday

WEATHER REPORT.

1863. November 12th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.88	32	—	W	3	5	28	b	0.10	2
Aberdeen ...	29.85	38	2	S	3	4	24	c	—	3
Leith	29.89	42	4	NW	3	4	26	b	—	3
Shields	29.84	40	2	NE	2	2	26	r	0.25	3
Scarboro	29.96	40	1	N	3	2	24	r	—	4
Greencastle ...	29.96	43	1	S	1	6	28	c	0.27	1
Galway	30.04	41	0	NW	2	6	26	f	0.16	2
Valentia	30.06	48	3	NNW	2	8	32	b	0.15	3
~~Cape Clear~~ ...										
Queenston ...	29.92	44	1	NW	2	6	28	b	—	1
Liverpool ...	29.86	41	2	N	2	5	28	b	0.17	3
Holyhead ...	29.89	47	1	NW	5	7	28	c	—	3
Pembroke ...	29.92	45	2	NNW	3	7	30	b	0.13	5
Penzance	29.96	45	1	NNE	7	9	32	c	0.20	5
Brest	29.92	46	4	N	7	9	4	o	0.32	7
L'Orient	29.80	43	2	NNW	3	8	28	c	0.04	5
Rochefort ...	29.76	43	0	N	6	7	26	b	0.59	7
Plymouth ...	29.89	44	3	NNW	8	8	32	b	—	4
Weymouth ...	29.83	40	1	NW	4	7	8	b	0.33	3
Portsmouth...	29.80	40	2	N	3	8	4	c	0.33	2
London	29.96	36	2	NNW	3	4	8	b	—	—
Dover	29.99	41	1	N	2	4	12	b	0.50	1
Yarmouth ...	29.92	37	1	W	4	2	32	b	—	2
Heligolnd ...	29.59	41	0	W	3	8	22	o	0.30	3

	Friday.	Saturday.
PROBABLE ON THE NORTH EAST COASTS	N to N and W ~~gale in places~~ Strong ~~squally~~ to fresh	N to NW Strong to moderate ~~squally~~
WEST COASTS	as above	NW to SW Strong - to moderate ~~some rain~~
SOUTH COASTS	NW to N Strong - to fresh	N to S Strong - to fresh
SOUTH EAST	S to NW and N Strong, to ~~a gale~~ fresh	S N to S Strong - to Moderate

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EIGHT A.M. Friday

WEATHER REPORT.

1863. November 13th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.98	52	2	WSW	6	7	20	t	—	2
Aberdeen	29.98	50	2	WSW	4	7	26	o	—	3
Leith	29.91	52	2	W	4	4	28	o	—	3
Shields	30.03	48	2	WNW	2	2	32	c	—	5
Scarboro	30.03	41	2	WSW	5	6	30	c	—	5
Greencastle	30.03	51	1	WSW	5	1	22	c	0.10	4
Galway	30.17	51	1	WSW	2	4	26	m	0.12	3
Valentia	30.23	52	0	WSW	1	1	28	f	0.12	3
~~Cape Clear~~										
Queenston	30.12	51	1	W	1	3	30	o	—	1
Liverpool	30.19	44	2	SSE	2	2	14	m	—	2
Holyhead	30.15	52	0	WSW	3	5	2	c	—	2
Pembroke	30.25	49	0	W	2	3	30	t	—	4
Penzance	30.34	45	2	Z	0	7	32	c	—	2
Brest	30.32	39	4	ENE	3	6	32	f	0.51	2
L'Orient	30.28	36	1	N	2	4	32	c	—	3
Rochefort	30.24	37	0	NE	4	6	28	b	—	4
Plymouth	30.34	41	3	N	5	5	32	c	—	2
Weymouth	30.31	36	1	Z	0	5	2	b	—	3
Portsmouth	30.29	37	2	NNE	3	3	4	c	—	2
London	30.29	35	2	W	1	5	32	m	—	—
Dover	30.30	44	2	NNW	1	2	32	b	—	1
Yarmouth	30.23	36	1	W	5	4	32	o	—	2
Heligolnd	30.14	43	2	W	3	3	28	c	—	3

PROBABLE ON THE NORTH EAST COASTS

Saturday. W to SW. Moderate to Fresh

Sunday. W to N NW Moderate —

WEST COASTS

as above — Generally fine —

as above (Moderate Westerly)

SOUTH COASTS

SW to SW Fresh — to Light (fine

S to W and N Moderate — fine

SOUTH EAST

SW to SW and S Moderate — fine

SW to SW and W Moderate to Light fine —

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EIGHT A.M. Saturday

WEATHER REPORT.

1863. November 14th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.81	52	2	W	3	6	20	c	0.20	2
Aberdeen	29.88	51	2	SW	4	6	26	r	0.15	2
Leith	29.95	53	2	SW	3	4	24	o	—	2
Shields	30.10	52	3	W	2	2	24	c	—	2
Scarboro	30.14	49	2	SW	2	4	22	b	—	3
Greencastle	30.02	51	1	SW	5	6	22	r	0.05	3
Galway	30.16	52	0	SW	4	6	22	r	0.11	4
Valentia	30.24	54	4	SW	2	4	20	f	—	4
~~Cape Clear~~										
Queenston	30.16	53	1	W	2	3	24	o	—	2
Liverpool	30.20	50	3	SSW	2	3	22	c	—	2
Holyhead	30.17	53	1	SW	3	3	18	c	—	2
Pembroke	30.28	52	2	SW	3	3	24	o	0.15	4
Penzance	30.37	50	0	Z	0	2	24	o	—	2
Brest	30.39	46	0	WSW	3	2	32	f	—	4
L'Orient	30.32	34	0	NNE	3	2	32	f	—	3
Rochefort	30.32	36	0	NE	4	4	32	b	—	3
Plymouth	30.34	49	1	E	3	3	20	f	—	1
Weymouth	30.33	49	1	Z	0	1	24	o	—	1
Portsmouth	30.32	48	1	W	3	3	24	f	—	2
London	30.31	48	2	W	2	3	20	m	—	—
Dover	30.32	~~50~~	~~2~~	W	1	1	24	b	—	1
Yarmouth	30.24	36	1	WSW	3	3	22	m	—	2
Heligolnd	30.19	46	0	WSW	5	8	24	f	—	4

PROBABLE ON THE

	Sunday.	Monday.
NORTH EAST COASTS	SW to NNW Moderate - fine	NW to SW Moderate to fresh generally fine
WEST COASTS	W to N and E Moderate - fine	NE to SE and to SW Moderate to fresh - generally fine
SOUTH COASTS	W and veering Variable - Light fine -	E to S and W Moderate -
SOUTH EAST	NE to E and S. Moderate to light fine	SE to SW Light - Variable

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. **WEATHER REPORT.** 1863. November 16th

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.81	44	1	SSW	1	4	20	r	0.24	1
Aberdeen	29.79	47	1	NW	4	7	18	r	—	4
Leith	29.83	54	2	SW	3	4	24	o	—	2
Shields	29.95	53	3	W	2	2	28	c	—	2
Scarboro	30.01	51	2	SW	2	3	20	c	—	2
Greencastle	29.90	49	1	NW	1	8	22	o	0.15	1
Galway	29.97	52	0	SW	4	8	16	r	0.41	4
Valentia	30.03	52	2	SW	1	5	20	r	—	3
~~Cape Clear~~										
Queenston	29.96	53	1	SW	3	4	20	o	—	3
Liverpool	30.06	53	2	SSW	2	3	18	c	—	1
Holyhead	30.01	55	0	SW	4	5	20	c	0.40	2
Pembroke	30.15	52	0	SW	3	4	20	o	0.22	4
Penzance	30.23	53	0	W	1	3	24	m	0.15	2
Brest	30.28	50	0	WSW	4	3	4	f	0.16	4
L'Orient	30.28	46	1	S	2	2	2	f	—	2
Rochefort	30.32	46	1	NE	4	3	32	o	—	1
Plymouth	30.23	53	1	WSW	6	4	24	r	0.21	4
Weymouth	30.23	53	1	W	2	1	26	m	0.13	1
Portsmouth	30.21	51	1	WSW	3	3	28	r	—	2
London	30.19	50	2	WSW	1	4	20	o	—	—
Dover	30.23	51	1	W	1	1	26	f	—	1
Yarmouth	30.05	49	1	WSW	3	3	22	o	—	2
Heligolnd	30.19	48	0	WSW	5	5	24	f	0.10	4

PROBABLE ON THE NORTH EAST COASTS

Tuesday. SW to NW and NE ~~Wind veering to~~ ~~Fresh to strong~~ ~~Fresh — to strong~~

Wednesday. NW to NE and E Fresh to strong Some rain or snow

WEST COASTS

~~Variable to NW~~ ~~Moderate to Fresh~~ ~~to Fresh~~

Variable to NE Fresh — rain or snow to strong with

SOUTH COASTS

E to NE and NW ~~Moderate — Light~~ ~~Some showers~~

NW to NE & E Fresh — ~~showers~~ to strong

SOUTH EAST

~~Variable to NE~~ ~~Variable — Light~~ ~~Generally fine~~

WNW to N and E Moderate to strong — with rain in places

NORTH EAST = Caithness to Lincoln. WEST = Bonegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

On comparison I find that the first foreclaws (irrespective of Wire currents) were nearer the mark than those attained for the 2° Delivery except as to lasting - evidence of polar above

17-XI-03

I make the same change in the current & Wire currents which is nearer the original time (as in the 2° Time) or thus

EIGHT A.M. Tuesday

WEATHER REPORT.

1863. November 17th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn										
Aberdeen ...	29.85	39	1	SSW	1	2	20	m	0.25	1
Leith	29.88	46	1	E	1	4	28	o	0.50	2
Shields	29.89	49	1	SE	1	2	24	o	—	1
Scarboro	29.93	54	2	NW	2	4	28	m	—	2
Greencastle...	29.95	52	1	WSW	2	3	22	o	—	2
Galway	29.90	47	1	WSW	5	1	32	c	0.45	3
Valentia	29.93	51	1	SSE	2	4	26	o	0.70	3
~~Cape Clear~~ ...	29.96	53	1	SSW	4	3	20	f	0.31	3
Queenston ...										
Liverpool ...	29.88	54	1	SW	5	4	20	m	—	5
Holyhead ...	29.99	54	3	WSW	3	4	22	o	—	2
Pembroke ...	29.97	53	0	SW	3	6	20	o	0.16	3
Penzance	30.11	52	1	SSW	3	5	20	o	0.12	5
Brest	30.20	51	1	SW	4	2	24	c	—	3
L'Orient	30.24	52	3	SSW	5	5	20	o	—	4
Rochefort ...	30.24	45	0	ENE	2	2	18	m	0.04	3
Plymouth ...	30.32	37	2	E	1	2	4	b	—	2
Weymouth ...	30.21	52	3	SW	7	6	24	o	0.16	5
Portsmouth...	30.20	52	2	WSW	3	2	24	f	0.16	2
London										
Dover	30.16	50	3	WSW	4	1	24	o	—	—
Yarmouth ...	30.21	52	1	W	2	1	18	b	—	1
Heligolnd ...	30.07	49	2	WSW	4	3	22	c	—	2
	30.03	49	0	SW	5	6	24	f	0.04	4

	Wednesday.		Thursday.
PROBABLE ON THE NORTH EAST COASTS	NW to NE and E Fresh to strong some downfall		NNW to E NE Fresh — some fall
WEST COASTS	W to N NE Fresh to strong some rain in places		NNW to E NE Strong to Moderate
SOUTH COASTS	W to NE and to E Fresh — cloudy fine		WNW to NNE Fresh to Moderate
SOUTH EAST	NW to N and E Moderate to fresh.		NW to NE and to E Fresh - to Moderate some fall —

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. **WEATHER REPORT.** 1863. November 18th

Wednesday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.91	42	1	SSW	1	1	16	o	0.13	1
Aberdeen	29.92	48	1	S	1	3	16	o	—	1
Leith	29.99	53	3	S	1	4	16	o	—	1
Shields	30.11	53	3	S	4	3	16	f	—	2
Scarboro	30.14	49	2	SW	1	3	26	o	—	2
Greencastle	29.86	50	2	SSW	7	9	22	o	0.05	5
Galway	29.84	51	2	SE	4	2	16	c	0.12	3
Valentia	29.77	52	2	S	6	2	18	f	0.09	3
~~Cape Clear~~										
Queenston	29.84	55	2	S	4	5	20	o	—	5
Liverpool	30.12	50	2	SSE	2	4	22	o	—	2
Holyhead	30.02	51	1	S	3	4	18	c	—	3
Pembroke	30.10	52	2	SSW	3	4	18	o	0.09	6
Penzance	30.14	52	3	S	4	5	18	o	—	5
Brest	30.24	45	1	SE	6	4	18	c	—	6
L'Orient	30.16	39	0	E	4	3	14	b	—	3
Rochefort	30.16	39	3	E	4	3	01	b	—	2
Plymouth	30.18	52	4	SSE	6	4	20	b	—	4
Weymouth	30.24	50	2	SSW	3	3	22	c	0.09	3
Portsmouth	30.25	51	3	SSW	4	5	22	c	—	3
London	30.24	49	4	SW	2	4	22	o	—	—
Dover	30.32	51	1	S	4	2	22	o	—	3
Yarmouth	30.26	49	1	SW	4	3	24	c	—	2
Heligolnd	30.18	50	0	WSW	4	4	22	f	0.05	3

PROBABLE ON THE	Thursday.	Friday.
NORTH EAST COASTS	S to N and to NE Moderate to fresh Cloudy fine	NE to NW and to SW Fresh to strong Some fall
WEST COASTS	NW to NNE and to E & SEX — Some rain — Fresh — to strong	SSE to W SW and NW Fresh to strong — Some rain —
SOUTH COASTS	NW to NNE Fresh to moderate Cloudy fine	E NE to SSE and to SW — Moderate Cloudy fine
SOUTH EAST	W to S NE and E — Moderate Fine —	E S to SSW and NW Moderate to fresh Cloudy fine

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. **WEATHER REPORT.** 1863. November 19th

Thursday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn										
Aberdeen ...	29.92	53	2	SW	4	7	14	o	0.14	3
Leith	29.94	54	3	SW	3	5	20	o	—	2
Shields	30.09	49	2	S	2	2	16	m	—	2
Scarboro	30.15	45	2	SSW	2	4	16	c	—	2
Greencastle ...	29.93	52	1	WSW	2	9	18	o	0.08	2
Galway	29.95	53	1	SE	6	8	12	c	0.25	7
Valentia	29.92	52	1	SSW	4	7	18	o	0.55	4
~~Cape Clear~~ ...										
Queenston ...	29.87	55	1	SSW	5	10	20	o	—	4
Liverpool ..	30.10	46	2	SSE	3	4	16	c	—	2
Holyhead ...	30.07	51	1	SSW	4	7	20	c	—	? 2
Pembroke ...	30.15	50	2	SSW	2	4	18	b	—	4
Penzance	30.17	52	2	S	5	7	6	o	—	4
Brest	30.16	45	1	SE	4	5	12	c	—	4
L'Orient	30.16	34	0	NE	3	3	8	b	—	2
Rochefort ...	30.20	39	1	SE	3	2	8	b	—	2
Plymouth ...	30.20	51	3	ESE	4	6	14	c	—	2
Weymouth ...	30.21	50	2	S	1	3	12	o	—	3
Portsmouth...	30.23	49	2	SW	3	4	18	m	—	2
London	30.23	48	4	SSW	2	5	20	o	—	—
Dover	30.28	48	1	SSW	3	4	18	m	—	2
Yarmouth ...	30.24	48	1	SW	4	4	20	o	—	2
Heligolnd ...	30.31	44	0	WSW	5	3	26	h	—	4

	Friday.	Saturday.
PROBABLE ON THE NORTH EAST COASTS	W to NNW Fresh to Moderate Some showers	NW to SW Moderate.
WEST COASTS	W to NW Strong to fresh some rain	W to N and back Fresh - showers
SOUTH COASTS	E to SW Moderate - fine	SW to NW and N Moderate to light - fine
SOUTH EAST	E to SSW and WNW. Moderate & light - fine	E to NW and N Moderate to Light fine

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. Friday

WEATHER REPORT.

1863. November 20th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.77	49	4	SW	6	1	20	c	—	2
Aberdeen	29.91	46	2	S	4	6	18	b	—	2
Leith	29.93	47	4	W	1	2	20	c	—	1
Shields	30.05	41	2	WSW	2	2	22	c	—	2
Scarboro	30.07	42	1	SSW	3	3	20	o	—	3
Greencastle	29.77	52	1	SW	6	9	20	c	0.07	4
Galway	29.86	54	2	SSE	4	8	12	c	0.15	3
Valentia	29.75	54	1	SSW	4	7	16	o	0.20	2
~~Cape Clear~~										
Queenston	29.77	55	1	S	8	5	16	r	0.06	6
Liverpool	30.06	44	2	SE	2	3	12	m	—	2
Holyhead	29.97	52	2	SSE	4	6	16	c	—	3
Pembroke	30.06	51	1	SSE	2	2	12	c	—	5
Penzance	30.10	53	1	S	5	6	14	c	—	4
Brest	30.12	50	1	SE	6	4	12	c	—	6
L'Orient	30.12	45	0	ESE	2	2	8	f	—	2
Rochefort	30.24	41	0	S	3	1	26	b	—	2
Plymouth	30.14	51	1	ESE	5	3	10	o	—	2
Weymouth	30.17	49	1	SE	2	1	16	o	—	2
Portsmouth	30.19	49	2	SW	2	3	18	o	—	2
London	30.19	47	3	SSW	3	2	16	o	—	—
Dover	30.22	52	1	SSW	1	3	18	c	—	1
Yarmouth	30.19	45	2	SSW	4	3	20	o	—	2
Heligolnd	30.25	45	0	W	3	5	22	o	—	3

PROBABLE ON THE

	Saturday.	Sunday.
NORTH EAST COASTS	SW to NNW Fresh to Moderate Cloudy fine	Westerly to N Moderate. Cloudy fine
WEST COASTS	N to N and back Fresh — showers or cloudy fine	WNW to S SW Fresh to Strong Rain in places
SOUTH COASTS	SW to NW and N Moderate to Light — Cloudy fine	Westerly Moderate — fine
SOUTH EAST	W to NNW and ENE — Variable Cloudy fine	E to S and W Light — variable Fine

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SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. **WEATHER REPORT.** 1863. November 21 Sat.

Saturday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.44	49	3	SSW	3	4	16	c	—	2
Aberdeen	29.51	50	1	SSW	3	5	16	c	—	2
Leith	29.54	55	3	S	2	5	24	o	—	2
Shields	29.78	48	2	SW	2	2	20	m	—	2
Scarboro	29.74	49	1	SSW	3	3	18	o	—	3
Greencastle	29.40	52	2	SSW	3	6	18	c	0.29	2
Galway	29.30	50	0	S	4	8	12	c	0.62	4
Valentia	29.35	48	1	WNW	1	4	16	r	0.40	2
~~Cape Clear~~										
Queenston	29.29	54	1	SW	8	9	20	r	0.51	5
Liverpool	29.68	59	1	SSE	3	3	14	c	—	3
Holyhead	29.54	53	0	SSE	5	6	18	r	0.25	3
Pembroke	29.64	54	1	SSW	4	6	16	f	0.14	6
Penzance	29.71	54	0	SSW	4	4	16	o	0.20	5
Brest	29.84	54	1	SSW	6	6	14	f	—	6
L'Orient	29.92	54	1	S	4	3	10	f	—	3
Rochefort	30.08	48	0	SE	4	3	12	o	—	2
Plymouth	29.94	55	1	S	4	6	10	o	—	5
Weymouth	29.83	53	1	SSE	4	2	12	o	0.08	4
Portsmouth	29.88	52	1	SSW	4	3	16	m	—	3
London	29.89	50	2	S	3	3	18	c	—	—
Dover	29.93	52	2	SW	5	1	18	m	—	3
Yarmouth	29.90	48	1	SSW	4	2	20	o	—	2
Heligolnd	30.05	42	0	SW	5	3	22	c	—	3

Probable on the North East Coasts — Sunday. SW to S and SE. Fresh to strong. Some rain.

Probable on the North East Coasts — Monday. SE to WSW. Strong to a gale.

West Coasts — SW to W NW. Strong to a gale. Some rain.

West Coasts — W to N. Rainy a gale — and to WSW. Some rainy.

South Coasts — Westerly ~~showery~~ strong — to a gale. Rain in places.

South Coasts — SW to NW. Strong — showery.

South East — to S and to WSW. Fresh to strong. Cloudy ~~fine~~.

South East — SSE to SSW and NW. Strong — showery.

North East = Caithness to Lincoln. West = Donegal to Cornwall. South = English Channel and Biscay Bay Coasts. South East = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution*; and each ten degrees, above 32°, causing nearly three hundredths *increase*. E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. Monday

WEATHER REPORT.

1863. November 23rd

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.59	45	3	W	4	8	16	c	0.52	2
Aberdeen	29.70	44	1	W	2	6	24	m	0.40	2
Leith	29.64	49	2	W	1	6	16	m	—	1
Shields	29.70	48	2	W	1	8	26	m	0.43	2
Scarboro	29.70	46	1	WSW	3	9	18	c	—	3
Greencastle	29.63	46	1	SW	2	8	22	o	0.66	1
Galway	29.63	49	1	SSE	4	8	26	c	0.62	2
Valentia	29.66	50	0	S	2	7	30	f	0.52	2
~~Cape Clear~~										
Queenston	29.61	49	1	W	1	8	20	o	—	1
Liverpool	29.75	48	2	SSE	2	7	22	o	0.23	2
Holyhead	29.70	51	0	SW	3	8	18	c	0.50	3
Pembroke	29.77	51	0	SW	3	7	20	m	0.75	5
Penzance	29.86	51	0	WSW	3	9	26	o	0.45	3
Brest	29.92	50	0	SW	4	7	20	f	0.51	4
L'Orient	29.92	46	0	SE	2	7	18	f	0.28	2
Rochefort	30.00	54	0	WSW	4	4	18	f	0.04	3
Plymouth	29.80	52	2	SSW	18	10	24	o	0.25	5
Weymouth	29.88	52	3	W	3	9	24	m	0.26	2
Portsmouth	29.88	49	3	SW	4	9	18	c	0.25	3
London	29.88	45	2	WSW	3	9	18	c	0.16	—
Dover	29.92	50	2	W	2	9	24	m	0.06	1
Yarmouth	29.82	44	1	SW	4	8	26	c	—	3
Heligolnd	29.92	49	0	W	8	9	22	o	0.08	7

PROBABLE ON THE NORTH EAST COASTS

Tuesday. NW to W SW Strong to a gale with some rain

Wednesday. W to N and NE Strong - Squally Showery -

WEST COASTS

SW to N and back a gale at times - Squally with rain

SW to NW Strong - Squally - rain in places -

SOUTH COASTS

W to NW and N Strong - to a gale at times ~~showers~~ squalls

~~N to~~ W to N Strong - Squally Showery

SOUTH EAST

SW to NNW Strong - Squally ~~Some showers~~ -

W NW to NNE Fresh - Squally - Showers -

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
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EIGHT A.M. Tuesday

WEATHER REPORT.

1863. November 24th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.67	39	1	SW	4	2	20	c	—	1
Aberdeen	29.72	48	1	NW	1	2	24	m	0.11	2
Leith	29.71	50	3	W	1	2	24	m	—	1
Shields	29.79	50	3	SW	2	4	20	m	—	2
Scarboro	29.72	47	2	S	1	4	20	o	—	2
Greencastle	29.74	43	1	NW	1	2	20	m	0.19	1
Galway	29.73	46	0	SSE	3	4	16	m	0.35	3
Valentia	29.68	46	3	S	1	3	20	b	0.34	2
~~Cape Clear~~										
Queenston	29.62	50	1	SW	1	5	20	f	—	1
Liverpool	29.80	49	2	SSE	2	2	14	o	0.02	1
Holyhead	29.76	51	0	SW	3	4	18	c	0.35	2
Pembroke	29.71	50	1	SSW	2	3	20	c	0.20	4
Penzance	29.85	48	0	Z	0	4	20	m	—	2
Brest	29.92	55	0	S	5	4	20	t	0.20	4
L'Orient	29.88	54	0	S	3	3	16	f	0.12	3
Rochefort	30.00	52	0	S	3	4	16	t	—	1
Plymouth	29.84	52	1	Z	0	6	16	f	—	1
Weymouth	29.86	54	0	SW	3	3	24	f	0.22	1
Portsmouth	29.87	53	0	SW	4	4	20	t	0.50	3
London	29.89	51	1	SSW	3	5	20	t	0.14	—
Dover	29.95	52	1	SSW	2	1	20	t	0.07	1
Yarmouth	29.93	48	1	S	4	3	24	m	—	2
Heligolnd	29.95	47	0	WSW	6	8	22	m	0.05	6

PROBABLE ON THE

	Wednesday.	Thursday.
NORTH EAST COASTS	W to N and back Strong - Showery	W to S and again NW Strong - to gales - with rain -
WEST COASTS	W to W.N.W Strong - rain at times	W SW to N NW Unsettled - Strong Rain in places -
SOUTH COASTS	as above, next	as next above
SOUTH EAST	W SW to N.NW Fresh to Strong Showers	W to N and back Unsettled - Showery

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. Wednesday

WEATHER REPORT.

1863. November 25th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.58	50	3	SSW	3	1	4	c	0.08	2
Aberdeen	29.73	49	1	SE	5	1	28	m	—	3
Leith	29.68	54	3	S	4	5	16	c	—	2
Shields	29.84	50	2	S	2	2	20	f	—	2
Scarboro	29.91	50	1	SSW	3	3	16	f	—	3
Greencastle	29.48	51	1	SW	3	8	14	r	0.12	3
Galway	29.48	50	1	SSE	6	8	16	c	0.45	4
Valentia	29.52	50	1	SSW	5	4	16	o	0.60	3
~~Cape Clear~~										
Queenston	29.47	52	1	SW	4	5	18	r	0.30	2
Liverpool	29.82	54	3	ESE	3	3	10	o	—	2
Holyhead	29.69	54	0	SSE	6	4	18	o	—	3
Pembroke	29.84	55	1	S	5	5	16	o	—	7
Penzance	29.85	54	1	SSW	7	4	16	o	—	4
Brest	29.96	55	1	S	5	4	20	o	0.04	6
L'Orient	29.96	54	0	SSE	2	3	16	f	—	2
Rochefort	30.08	48	1	SE	4	4	16	b	—	2
Plymouth	29.93	55	1	ESE	6	3	12	c	—	2
Weymouth	29.99	54	1	S	4	3	20	f	0.14	3
Portsmouth	30.04	53	1	SSW	3	6	20	c	0.19	2
London	30.04	54	1	SW	3	4	20	o	0.09	—
Dover	30.11	55	1	SSW	1	1	18	m	0.09	1
Yarmouth	30.03	51	2	S	2	2	16	o	—	2
Heligolnd	30.06	47	0	WSW	2	5	22	m	0.05	1

PROBABLE ON THE

	Thursday.	Friday.
NORTH EAST COASTS	SW to NW end back – Strong Rain at times –	Westerly Strong to Fresh – Some showers
WEST COASTS	SW to N NW Strong – unsettled – Rain at times	N to W and SW Strong to Moderate Showers –
SOUTH COASTS	As next above	As next above
SOUTH EAST	W to N and back Moderate – Showery	N N E to W NW and Moderate to S S E Generally fine

J. H. B.

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. Thursday

WEATHER REPORT.

1863. November 26th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.91	49	4	SSW	4	5	20	c	—	1
Aberdeen	30.10	49	2	SSW	3	6	14	c	—	2
Leith	30.07	55	2	S	2	3	24	c	—	2
Shields	30.24	54	5	W	2	2	20	m	—	3
Scarboro	30.24	51	1	SSW	4	4	16	f	—	3
Greencastle	29.91	54	1	SSW	5	9	20	r	0.12	3
Galway	29.88	53	1	S	4	6	16	c	0.10	3
Valentia	29.86	54	0	SSW	6	7	16	r	0.15	5
~~Cape Clear~~										
Queenston	29.86	54	1	SW	4	5	20	o	—	—
Liverpool	30.22	54	4	SE	3	5	14	c	—	2
Holyhead	30.10	55	1	SSE	4	4	18	c	0.20	3
Pembroke	30.16	55	1	SE	2	6	16	c	0.30	5
Penzance	30.18	53	1	S	4	8	18	c	0.20	4
Brest	30.20	50	1	SE	5	6	20	f	—	4
L'Orient	30.20	48	0	E	3	3	12	f	—	2
Rochefort	30.24	45	0	SE	4	4	16	f	—	2
Plymouth	30.22	55	1	ESE	8	8	14	b	—	4
Weymouth	30.29	53	0	ESE	4	4	16	o	—	4
Portsmouth	30.31	51	1	SE	3	4	18	f	—	2
London	30.36	51	2	S	1	4	20	m	—	—
Dover	30.43	53	1	SSW	2	1	20	m	—	1
Yarmouth	30.40	50	1	S	4	4	20	o	—	2
Heligolnd	30.45	47	0	SSW	3	5	16	f	0.04	2

	Friday.	Saturday.
PROBABLE ON THE NORTH EAST COASTS	W to E - Moderate to strong - generally fine.	SE to SW & NW Fresh to strong - some showers -
WEST COASTS	SSE to SSW Fresh to strong - some rain in places.	As above -
SOUTH COASTS	S to S and SW. Fresh to strong - some rain -	SSE to W NW. Strong to moderate - showers -
SOUTH EAST	SSE to SSW - Moderate to fresh - generally fine.	SSW to W NW. Fresh to moderate -

W. H. B.

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B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

Read G.H.S 1/12/63
" G.J.S. 1/12/63

Board of Trade,
Meteorologic Office,
Parliament Street, London, S.W.

The Forecast

Saturday's forecasts – as given by Mr Babington, in the morning, were good. I altered them, rather hastily – and injudiciously – but contrary to rules – as I then thought there would be more polar current along the surface – and a further advance of it from the North westward.

There was some polar movement

at Plymouth, and in France, on Sunday and early Monday — and the general temperature showed its influence overhead. Likewise pointed to by the camphor

---

But clearly (now) the northerly was passing off — to eastward — and its opponent advancing around — making E & E — SSE and then Southwesterly —

This has been a useful

useful lesson to me — as I was entirely wrong in "turning the forecast" on Saturday afternoon from Southerly to the opposite gyration.

I am sufficiently vexed at my own error — but it is more than made up for to me by the correct view taken, more deliberately by Mr. Babington —

Dec. 1. 1863

evidence is divided.

High temperatures; little evaporation; increase of tension having commenced in South; winds having in every case backed &c, seemed

account to my own satisfaction how it

Saturday 20. P.M.

I has not satisfied my mind about so much "rain" in yesterday & to-day's forecasts.

Very little evaporation no doubt — but the polar, above a great deal of warm moist air — gently acting should cause such effect if not fog. For there have been to South and East where the cold high land of France, and Europe East wan influences more white rather reflecting the upper polar air that has crossed Norway and the Baltic countries.

What say you —? I am

evidence is divided.

High temperatures;- little evaporation;- increase of tension having commenced in South;- winds having in every case backed &c, seemed

1

account to my own satisfaction how it

I am now expecting a prevalence of S to N.- and to N. rather than S. to SW and to N.- thence to NE.- the South impulse toward North being exhausted - over the land though not yet checked along the Atlantic Irish & Scotch sea borders.

There has been less rain than I expected yesterday & the day before - (although Galway yesterday reported over an inch -) and what has fallen has been almost entirely on the West coasts - I cannot account

evidence is divided.

High temperatures; - little evaporation; - increase of tension having commenced in South; - winds having in every case backed &c, seemed to me to say - Southerly - rather than Northerly - & therefore I gave (this morning) Easterly and Southerly with fine weather - (except in the West) for the next two days. - On the other hand - slightly decreasing temps & somewhat greater evaporation in North than South - with the possibility that the polar current may be in such bulk overhead as to

Portsmouth...	30.30	51	2	SE	3	6	12	m	—	2
London	30.41	50	2	S	2	4	12	o	—	—
Dover	30.43	48	1	SSE	4	4	10	b	—	2
Yarmouth ...	30.44	49	1	S	4	4	16	o	—	3
Heligolnd ..	30.64	40	0	SSE	5	5	12	o	—	6

	Saturday.	Sunday.
PROBABLE ON THE NORTH EAST COASTS	SE to SW Fresh to strong generally fine -	SE to SW and NW Fresh to strong - some rain -
WEST COASTS	ESE to SW Fresh to strong - some rain in places.	SSE to WSW & WNW strong - Unsettled.
SOUTH COASTS	E to S & SSW Moderate to fresh - some rain at times.	SE to W Moderate to strong - some rain -
SOUTH EAST	ESE to SSW - Fresh - generally fine.	SSE to WSW Fresh to strong -

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

B.—Barometer corrected and reduced to 32° at half tide level. Each ten feet, of vertical elevation, causing about one hundredth of an inch *diminution;* and each ten degrees, above 32°, causing nearly three hundredths *increase.* E.—Exposed thermometer in shade. D.—Difference of wet bulb (for evaporation and dew point). W.—Wind, direction of (*true*—two points *left* of magnetic) F.—Force (1 to 12—estimated). X.—Extreme force since last report. Q.—Quarter whence *extreme* force, (NNE=2, to 32=N.) I.—Initials: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); r.—rain; s.—snow; t.—thunder. R.=Rain-fall, snow or hail (melted), since last report. S.—Sea-disturbance (1 to 9). Z.—Calm.

EIGHT A.M. Friday

WEATHER REPORT.

1863. November 27th

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	29.97	54	4	SW	4	1	18	o	0.14	1
Aberdeen	30.14	49	1	S	6	7	18	o	—	4
Leith	30.12	54	4	S	4	5	16	c	—	3
Shields	30.31	50	2	SW	5	5	20	o	—	2
Scarboro	30.37	47	1	S	2	4	16	m	—	2
Greencastle	30.03	52	1	SW	3	8	16	r	0.04	2
Galway	30.05	53	0	SSE	4	8	18	r	0.25	4
Valentia	30.03	54	0	SW	2	7	18	o	1.06	4
~~Cape Clear~~										
Queenston	29.99	54	1	SW	4	6	16	m	—	3
Liverpool	30.31	51	2	SE	3	4	10	o	—	3
Holyhead	30.20	52	0	SE	4	5	16	c	—	3
Pembroke	30.28	52	1	SE	3	3	12	m	—	5
Penzance	30.29	53	1	S	5	6	16	o	—	4
Brest	30.28	48	1	SE	5	4	14	m	—	6
L'Orient	30.24	46	0	E	2	4	12	f	—	2
Rochefort	30.28	43	0	E	5	4	8	m	—	3
Plymouth	30.32	52	1	ESE	5	5	10	o	—	3
Weymouth	30.35	51	1	SE	4	4	10	o	—	4
Portsmouth	30.38	51	2	SE	3	6	12	m	—	2
London	30.41	50	2	S	2	4	12	o	—	—
Dover	30.43	48	1	SSE	4	4	10	b	—	2
Yarmouth	30.44	49	1	S	4	4	16	o	—	3
Heligolnd	30.64	40	0	SSE	5	5	12	o	—	6

	Saturday.	Sunday.
PROBABLE ON THE NORTH EAST COASTS	SE to SW Fresh to strong generally fine -	SE to SW and NW Fresh to strong - some rain -
WEST COASTS	ESE to SW Fresh to strong - some rain in places.	SSE to WSW & WNW strong - Unsettled.
SOUTH COASTS	E to S & SSW Moderate to fresh - some rain at times.	SE to W Moderate to strong - some rain -
SOUTH EAST	ESE to SSW - Fresh - generally fine.	SSE to WSW Fresh to strong -

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. **WEATHER REPORT.** 1863. November 28th

Saturday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.04	50	2	SSW	3	2	24	c	—	1
Aberdeen	30.17	45	1	SSW	3	5	16	b	—	2
Leith	30.24	50	3	SW	1	2	16	f	—	1
Shields	30.29	48	3	SW	5	5	20	o	—	2
Scarboro	30.30	44	2	S	1	3	18	f	—	2
Greencastle	30.09	51	2	SW	3	5	22	o	0.10	2
Galway	30.03	51	1	SSE	8	2	14	c	0.25	4
Valentia	29.98	51	1	S	6	2	18	m	0.18	4
~~Cape Clear~~										
Queenston	29.99	53	1	SW	4	3	16	o	—	3
Liverpool	30.25	48	1	SSE	3	3	14	o	—	2
Holyhead	30.19	49	0	SSE	3	5	18	c	—	2
Pembroke	30.23	50	1	SSE	2	3	14	m	—	4
Penzance	30.22	50	2	SSE	5	6	14	o	—	4
Brest	30.20	45	1	SE	5	4	14	f	—	6
L'Orient	30.16	43	1	E	3	2	8	f	—	3
Rochefort	30.16	37	0	ENE	4	4	4	o	—	3
Plymouth	30.25	49	2	E	3	3	10	o	—	1
Weymouth	30.27	47	2	SE	4	4	12	o	—	4
Portsmouth	30.29	48	3	SSE	3	3	12	m	—	2
London	30.36	46	3	SE	1	3	14	c	—	—
Dover	30.35	45	2	SE	4	2	12	b	—	3
Yarmouth	30.35	45	2	S	3	3	14	m	—	3
Heligolnd	30.49	40	1	S	4	7	14	o	—	4

	Sunday.	Probable on the North East Coasts	Monday.
	E to SW. Moderate to fresh generally fine.		NE to W. Fresh — generally fine.
West Coasts	ESE to SSW. and NW Moderate to strong. ~~some rain in places.~~		~~NE~~ to SSW to NNW Fresh to strong — ~~some rain.~~
South Coasts	NE to NE and NNW. Fresh — clear generally fine.		NE to ~~E~~ NW. Fresh — fine
South East	to N and W Moderate to fresh — fine.		ESE to NNW. Fresh generally fine.

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South East = Strait of Dover to Lincolnshire and Heligoland.

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EIGHT A.M. **WEATHER REPORT.** 1863. November 30 Ch. 11

Monday

	B.	E.	D.	W.	F.	X.	Q.	I.	R.	S.
Nairn	30.09	34	3	S	1	2	20	b	—	1
Aberdeen	30.19	45	2	SE	3	5	18	o	—	2
Leith	30.17	42	3	SE	2	2	16	m	—	2
Shields	30.21	46	5	SW	5	2	20	m	—	2
Scarboro	30.22	43	2	S	1	2	18	o	—	2
Greencastle	30.04	44	2	SSE	4	2	12	c	—	3
Galway	29.95	46	2	ESE	2	6	14	c	—	2
Valentia	29.86	49	3	S	2	6	14	c	0.07	4
~~Cape Clear~~										
Queenston	29.83	50	1	SE	6	5	12	m	—	4
Liverpool	30.17	41	3	ESE	3	4	10	o	—	2
Holyhead	30.08	45	1	SSE	2	3	14	c	—	2
Pembroke	30.05	45	2	SE	3	5	10	o	—	4
Penzance	30.01	49	2	SE	6	8	12	o	—	5
Brest	29.96	43	1	E	5	3	8	c	—	4
L'Orient	29.96	39	0	ENE	3	5	6	f	—	3
Rochefort	29.96	45	0	SE	5	4	8	c	—	3
Plymouth	30.16	45	2	NE	8	8	6	o	—	—
Weymouth	30.10	45	2	ESE	4	6	8	c	—	4
Portsmouth	30.12	45	2	SE	3	6	8	m	—	2
London	30.18	34	2	ESE	2	4	12	f	—	—
Dover	30.20	41	1	SE	3	4	8	f	—	1
Yarmouth	30.23	43	2	SSE	4	6	10	o	—	3
Heligolnd										

PROBABLE ON THE NORTH EAST COASTS

Tuesday.
SE to NE
Moderate to fresh.
Some snow on hills.

Wednesday.
E to SE to NNE
Fresh to strong
Snow inland.

WEST COASTS

SE to NE
Fresh to strong

N to NW
Fresh. Some snow or rain in places

SOUTH COASTS

E to NE
Fresh. fine
Frosty

E to NE
Fresh to strong
Clear. fine

SOUTH EAST

E to NE
Fresh to strong.
as next above
~~Perhaps~~ Some snow in places

NORTH EAST = Caithness to Lincoln. WEST = Donegal to Cornwall. SOUTH = English Channel and Biscay Bay Coasts.
SOUTH EAST = Strait of Dover to Lincolnshire and Heligoland.

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